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UNITED STATES DEPARTMENT OF AGRICULTURE

AGRICULTURAL RESEARCH ADMINISTRATION

SERVICE AND REGULATORY ANNOUNCEMENTS

BUREAU OF ANIMAL INDUSTRY

FEBRUARY 1950

This publication is issued monthly for the dissemination of information, instructions, rulings, etc., concerning the work of the Bureau of Animal Industry. Free distribution is limited to persons in the service of the Bureau, establishments at which official inspection work is conducted, public officers whose duties make it desirable for them to have such information, and journals especially concerned. Others desiring copies may obtain them from the Superintendent of Documents, Government Printing Office, Washington 25, D. C., at 5 cents each, or 50 cents a year (foreign, 70 cents). A supply will be sent to each official in charge of station or branch of the Bureau service, who should promptly distribute copies to members of his force. A file should be kept at each station for reference.

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CHANGES IN DIRECTORY

MEAT INSPECTION DIVISION

Meat Inspection Granted

- 17-F John Morrell & Co., 208 Jackson Street, Oakland 7, Calif.
 199-P North American Creameries, Inc., Paynesville, Minn.
 ‡427 Jiffy Steak Co., corner Third and Fifteenth Streets, Freedom, Pa.
 ‡612 Midtown Veal & Mutton Co., Inc., 37 Legal Street, Newark 5, N. J.
 ‡683 A. D. Clark & Sons, Chestnut and Pine Streets, Beverly, N. J.
 1029 Lighthouse Frosted Foods, Inc., 2766 Webster Avenue, Bronx, New York 57, N. Y.

Meat Inspection Extended

- 844 Chinese Food Products Co., 410 Edmond Street, Pittsburgh 24, Pa., to include subsidiary Ding-Ho Foods Co.

Change in Name of Official Establishment

- 926 Provisions Co., 225 Webster Street, Oakland 7, Calif., instead of Provisions.

*Conducts slaughtering.

‡No sealed cars.

Change in Address of Official Establishment

3-X Swift & Co., 232-238 Commerce Street, Cumberland, Md., instead of 116-120 Williams Street.

Change of Official in Charge

Dr. M. J. Hatter succeeds Dr. R. C. Salerno as inspector in charge at Gouverneur, N. Y. (Dr. Salerno transferred to Dr. Briney's force at South St. Joseph, Mo., as assistant inspector in charge).

Dr. J. B. Sigrist succeeds Dr. F. G. Miller (retired) as inspector in charge at Salt Lake City, Utah.

Richard F. Murphy, Jr., succeeds E. S. Willis (deceased) as inspector in charge at Wheeling, W. Va.

Change in Address of Official in Charge

H. G. Domnosky, care Swift & Co., 232-238 Commerce Street, Cumberland, Md., instead of 116-120 Williams Street.

New Substations

Beverly, N. J., under Philadelphia, Pa.

Freedom, Pa., under Pittsburgh, Pa.

Paynesville, Minn., under South St. Paul, Minn.

Note

Add character indicating no sealed cars preceding establishment 382, Smithfield Packing Co., Inc., Smithfield, Va.

STATIONS HANDLING WORK OF SEVERAL DIVISIONS**Change in Address of Official in Charge**

Dr. Henry L. Rae, room 309 Exchange Bldg., South St. Paul, Minn., instead of 207 Post Office Building.

Animal Foods Inspection Extended

A-55. Foell Packing Co., 3117 West 47th Street, Chicago 32, Ill.

Notes

On page 13 of Directory, under Utah, Salt Lake City, public stockyards inspection, add another substation: North Salt Lake, Utah.

On page 26, change name of stockyards for Ogden, Utah, from Union Stockyards to Ogden Stockyards.

ANIMAL FOODS INSPECTION

Canned animal (dog, cat, fox, etc.) food prepared under inspection and certification during the month of January 1949: 33,549,540 pounds.

ANIMALS SLAUGHTERED UNDER FEDERAL MEAT INSPECTION, JANUARY 1950

Region and city	Cattle	Calves	Sheep	Goats	Swine
North Atlantic:					
New York, Newark, Jersey City	28,747	39,177	171,753	-----	191,099
Baltimore, Philadelphia	24,775	5,488	5,483	-----	118,766
North Central:					
Cincinnati, Cleveland, Indianapolis	51,842	9,759	25,150	-----	298,578
Chicago	103,662	30,576	55,914	-----	428,650
St. Paul	91,519	102,888	44,271	-----	415,656
St. Louis area	51,519	22,380	54,889	-----	345,681
Sioux City	42,363	634	35,696	-----	199,745
Omaha	83,517	4,032	73,106	-----	353,418
Kansas City	67,003	11,439	58,612	-----	223,276
Iowa and southern Minnesota	70,659	21,693	139,743	-----	1,031,094
Southeast	19,979	6,932	40	-----	138,533
South Central West	87,234	23,687	88,974	-----	309,136
Rocky Mountain	38,969	2,985	46,645	-----	83,837
Pacific	74,274	15,829	111,144	-----	170,324
Total	844,098	297,530	911,435	38	4,307,763
All other regions	258,895	167,595	165,983	4,941	1,536,488
Total	1,102,993	465,125	1,077,418	4,979	5,844,251

MEAT AND MEAT FOOD PRODUCTS PREPARED AND PROCESSED UNDER FEDERAL MEAT INSPECTION, JANUARY 1950

Product	Quantity	Product	Quantity
Meat placed in cure:	<i>Pounds</i>		<i>Pounds</i>
Beef	9,427,670	Bacon, sliced	59,913,787
Pork	302,096,953	Lard:	
Smoked and/or dried:		Rendered	204,334,235
Beef	4,275,021	Refined	134,559,245
Pork	168,418,702	Rendered pork fats:	
Sausage:		Rendered	11,157,576
Fresh, finished	22,535,058	Refined	5,543,548
Smoked and/or cooked	71,401,741	Olco stock	8,894,583
To be dried or semidried	8,913,466	Edible tallow	5,498,098
Loaf, headcheese, chili con carne, etc.	13,583,874	Compound containing animal fat ..	19,568,712
Cooked meats:		Oleomargarine containing animal	
Beef	2,588,591	fat	1,520,109
Pork	50,362,477	Miscellaneous	8,808,965
Canned meat and meat food products:		Total 1	1,270,415,531
Beef	7,159,047	Horse meat:	
Pork	58,291,998	Canned	479,748
Sausage	6,101,515	Chopped	1,815,558
Soup	48,713,295	Horse oil	186,710
All others	36,747,265		

¹ These figures do not represent production, as a product may be inspected more than once in the course of manufacture.

MEAT AND MEAT FOOD PRODUCT CERTIFIED FOR EXPORT, JANUARY 1950, WITH COMPARABLE FIGURES FOR JANUARY 1949

Product	Quantity during—		Product	Quantity during—	
	January 1950	January 1949		January 1950	January 1949
Beef and veal:	<i>Pounds</i>	<i>Pounds</i>	Pork—Continued	<i>Pounds</i>	<i>Pounds</i>
Fresh	217, 851	125, 910	Smoked	561, 476	140, 681
Cured	1, 401, 860	541, 187	Canned	306, 814	249, 044
Smoked	5, 335	224	Edible organs:		
Canned	231, 307	405, 789	Fresh	1, 160	230
Edible organs:			Miscellaneous	295, 896	43, 615
Fresh	58, 930	3, 540	Sausage	184, 022	227, 553
Cured	23	232	Lard	71, 389, 248	21, 558, 753
Miscellaneous	7, 373	7, 938	Rendered pork fat	2, 988, 124	1, 281, 397
Mutton and lamb:			Compound	22, 549	10, 800
Fresh	39, 660	28, 645	Oleo stock	449, 803	3, 998
Canned	3, 409	478, 004	Oleo oil	431, 321	14, 820
Edible organs:			Oleostearin	23, 757	-----
Fresh	15, 812	13, 185	Oleomargarin	2, 400	1, 200
Miscellaneous	908	273	Edible tallow	371, 477	880, 316
Pork:			Total	82, 508, 031	28, 234, 445
Fresh	194, 062	615, 043	Horse meat	551, 281	2, 416, 156
Cured	3, 303, 454	1, 602, 018			

ANIMALS INSPECTED WHEN OFFERED FOR IMPORTATION, JANUARY 1950

Port of entry	Cattle	Swine	Sheep	Goats	Equines	Other animals	Total
Canadian border ports	37, 201	56	7, 615	1	1, 524	-----	46, 397
Mexican border ports	-----	-----	-----	-----	193	-----	193
Ocean ports	81	-----	41	41	92	3	258
Totals:							
January 1950	37, 282	56	7, 656	42	1, 809	3	46, 848
January 1949	13, 288	52	152	-----	866	7	14, 365

Total refused entry (not included in table): January 1950, 95 animals (89 cattle and 6 equines); January 1949, 67 animals (67 cattle).

SUMMARY OF TUBERCULOSIS ERADICATION WORK IN COOPERATION WITH STATES, JANUARY 1950 ¹

State or territory	Tuberculin tests during month			Accredited herds	Herds under supervision	Inspector in charge	State official
	Cattle	Infected premises	Re-acted				
Alabama.....	2,644	2	2	763	270,906	B. N. Lauderdale.	R. S. Sugg, Auburn.
Arizona.....	1,442	0	0	2	12,149	Ward R. Lee.....	F. D. McMahon, Phoenix.
Arkansas.....	1,403	0	0	1	228,256	A. W. Rice.....	J. S. Campbell, Little Rock.
California.....	74,044	65	489	5	74,669	W. A. McDonald.	A. K. Carr, Sacramento.
Colorado.....	1,408	2	2	20	60,846	H. E. Schaulis....	M. N. Riemenschneider, Denver.
Connecticut.....	16,305	10	18	12,273	12,287	R. L. Smith.....	J. V. Smith, Hartford.
Delaware.....	3,979	0	0	1,756	7,158	O. L. Lockwood....	Harry McDaniel, Jr., Dover.
District of Columbia.	0	0	0	1	1	A. K. Kuttler.....	
Florida.....	3,762	0	0	14	67,656	T. H. Applewhite....	J. W. Knapp, Tallahassee.
Georgia.....	2,650	5	36	91	243,726	W. C. Dendinger....	Tom Linder, Atlanta.
Idaho.....	1,780	2	2	4	51,500	T. R. Myers.....	A. P. Schneider, Boise.
Illinois.....	43,767	44	72	724	245,266	N. H. Howlett.....	R. A. Thompson, Springfield.
Indiana.....	11,104	20	33	986	147,750	T. K. Jones.....	R. W. Elrod, Indianapolis.
Iowa.....	66,776	127	187	452	209,927	C. W. Brown.....	H. U. Garrett, Des Moines.
Kansas.....	51,469	17	19	154	171,332	W. E. Logan.....	Glen Pickett, Topeka.
Kentucky.....	3,535	4	5	8	110,531	E. E. Coshaw.....	L. L. Breck, Frankfort.
Louisiana.....	459	0	0	0	148,804	E. C. Hughes.....	F. B. Wheeler, acting, Baton Rouge.
Maine.....	6,969	2	18	349	43,817	B. J. Cady.....	Francis G. Buzzell, Augusta.
Maryland.....	16,613	7	7	14,875	47,040	O. L. Lockwood....	A. L. Brueckner, Baltimore.
Massachusetts.....	25,915	18	53	12,877	13,877	E. M. Aldrich.....	William Casey, Boston.
Michigan.....	12,533	13	19	62	150,000	C. H. Hays.....	Lee Davison, Lansing.
Minnesota.....	20,461	3	3	220	166,112	F. C. Driver.....	Ralph L. West, St. Paul.
Mississippi.....	2,905	4	5	20	260,912	L. J. Pate.....	H. C. Simmons, Jackson.
Missouri.....	10,594	2	5	60	239,687	F. F. Fischer.....	H. E. Curry, Jefferson City.
Montana.....	602	0	0	19	73,003	G. W. Cronen.....	H. F. Willis, Helena.
Nebraska.....	11,527	17	21	24	135,277	J. E. Peterman.....	E. P. Anderson, Lincoln.
Nevada.....	182	0	0	0	3,441	E. E. Maas.....	W. B. Earl, Reno.
New Hampshire.....	20,660	2	2	9,770	10,318	E. M. Aldrich.....	R. W. Smith, Concord.
New Jersey.....	24,567	20	26	11,325	12,594	J. R. Porteus.....	R. A. Hendershott, Trenton.
New Mexico.....	766	0	0	5	25,450	L. E. Patton.....	F. L. Schneider, Albuquerque.
New York.....	129,025	88	339	114,497	116,165	L. R. Barnes.....	Ivan G. Howe, Albany.
North Carolina.....	5,401	0	0	774	256,713	A. A. Husman.....	R. J. Rollins, Raleigh.
North Dakota.....	1,653	1	1	55	68,003	F. M. Shigley.....	T. O. Brandenburg, Bismarck.
Ohio.....	96,427	14	160	847	213,781	R. L. Knudson.....	Harry Geyer, Columbus.
Oklahoma.....	3,408	7	22	7	150,363	R. K. Benn.....	D. H. Ricks, Oklahoma City.
Oregon.....	18,921	4	5	2,210	265,664	S. B. Foster.....	M. E. Knickerbocker, Salem.
Pennsylvania.....	51,712	43	73	5,764	133,258	H. M. O'Rear.....	C. P. Bishop, Harrisburg.
Rhode Island.....	2,456	4	5	1,974	2,117	E. M. Aldrich.....	J. S. Barber, Providence.
South Carolina.....	4,318	2	2	115	60,691	T. W. Bodman.....	R. A. Mays, Columbia.
South Dakota.....	1,776	4	5	8	62,382	Neil Plank.....	R. S. Robinson, Pierre.
Tennessee.....	5,371	1	2	23	295,209	H. L. Fry.....	C. E. Kord, Nashville.
Texas.....	14,435	2	2	43	373,281	H. L. Darby.....	J. R. Ludwigs, Fort Worth.
Utah.....	7,318	42	49	7	83,311	F. H. Melvin.....	J. I. Curtis, Salt Lake City.
Vermont.....	38,632	22	46	1,718	17,744	A. F. Ranney.....	Stanley Judd, Montpelier.
Virginia.....	15,228	4	5	519	199,500	H. S. Miller.....	A. J. Sipos, Richmond.
Washington.....	3,822	3	17	4	89,075	Elmer Lash.....	M. O. Barnes, Olympia.
West Virginia.....	2,630	2	2	493	116,305	E. R. Coon.....	T. C. Green, Charleston.
Wisconsin.....	94,541	47	99	1,449	157,877	W. R. Winner.....	J. T. Schwab, Madison.
Wyoming.....	369	2	4	5	21,893	W. I. Bowersox.....	George H. Good, Cheyenne.
Hawaii.....	2,138	1	3	0	1,800	A. H. Julien.....	E. H. Willers, Honolulu.
Puerto Rico.....	2,845	0	0	0	62,568	Cesar Clavell.....	R. C. Torres, San Juan.
Virgin Islands.....	0	0	0	0	420	Cesar Clavell.....	
Total.....	943,247	812	1,865	197,372	5,992,412		

¹ All States are 100 percent modified accredited. Puerto Rico and the Virgin Islands are also in the modified accredited area.

SUMMARY OF BRUCELLOSIS WORK IN COOPERATION WITH STATES, JANUARY 1950 ¹

State or Territory	Tests made of blood samples during month		Test of herds containing reactors				Calves vaccinated during month	Modified accredited counties	Total accredited		Herds under supervision	Total cattle on waiting list
	Herds	Cattle	Herds	Cattle	Reactors				Herds	Cattle		
					For slaughter	Held in calfhood vaccinated herds 2						
Alabama.....	455	8,856	61	5,984	180	24	5,798	9	548	21,545	185,278	83,674
Arizona.....	472	2,068	30	598	27	55	972	0	0	0	10,601	19,000
Arkansas.....	611	4,411	108	1,449	254	0	4,876	0	14	799	3,389	0
California.....	0	0	0	0	0	0	26,438	0	0	0	29,358	0
Colorado.....	1,704	10,737	199	2,367	240	101	7,832	0	2	99	9,124	1,110
Connecticut.....	116	1,275	17	510	53	0	1,597	0	550	7,501	687	0
Delaware.....	116	1,078	11	272	18	0	549	0	324	4,774	5,103	0
District of Columbia.....	0	0	0	0	0	0	0	1	1	185	1	0
Florida.....	1,108	8,340	65	1,452	232	0	1,819	0	63	4,177	17,793	0
Georgia.....	1,467	8,743	108	2,372	313	0	311	56	63	4,688	111,941	166,281
Idaho.....	213	1,480	30	288	47	5	6,227	7	170	2,164	48,386	0
Illinois.....	3,352	23,946	550	7,674	513	883	12,658	0	114	3,190	188,385	0
Indiana.....	1,869	13,856	381	4,736	954	0	712	3	1,055	19,439	6,913	3,164
Iowa.....	1,030	8,485	165	2,846	492	0	4,256	0	2,927	45,253	42,577	0
Kansas.....	1,234	8,011	209	2,323	483	2	219	0	128	2,172	12,996	139
Kentucky.....	187	3,364	68	2,123	50	46	621	0	15	647	40,495	5,072
Louisiana.....	496	3,687	163	2,383	441	7	3,234	0	0	0	66,663	0
Maine.....	2,096	18,210	128	2,507	145	112	562	13	103	2,677	40,503	0
Maryland.....	388	5,808	50	755	52	32	3,157	4	3,863	67,060	27,821	0
Massachusetts.....	0	0	0	0	0	0	1,041	0	121	5,192	7,417	0
Michigan.....	1,142	14,953	202	3,894	88	421	2,961	37	124	6,797	51,913	1,125,634
Minnesota.....	2,263	32,232	514	8,460	703	324	6,366	21	95	3,034	49,331	217,768
Mississippi.....	1,186	10,202	152	2,927	306	0	3,177	2	32	863	12,919	0
Missouri.....	1,337	9,733	341	3,586	768	0	1,531	0	8	382	64,424	0
Montana.....	172	1,998	20	451	50	0	1,583	0	15	856	5,188	0
Nebraska.....	473	3,974	97	1,112	285	0	404	0	0	0	3,685	0
Nevada.....	63	689	9	205	14	0	852	0	18	484	770	0
New Hampshire.....	1,227	16,105	95	2,490	141	14	1,389	10	6,316	45,191	9,835	0
New Jersey.....	421	6,514	26	523	25	11	1,794	1	1,188	17,234	6,028	0
New Mexico.....	334	3,407	21	586	46	0	1,580	0	30	1,900	8,340	0
New York.....	1,521	23,408	537	12,659	0	1,548	27,910	0	4,892	91,120	64,360	0
North Carolina.....	1,387	16,390	78	2,176	126	0	128	100	792	27,711	249,084	0
North Dakota.....	648	9,469	139	2,432	315	62	2,931	20	20	1,233	65,548	159,000
Ohio.....	1,713	18,344	252	3,749	515	0	11,827	6	2,229	38,709	80,873	200,000
Oklahoma.....	688	7,470	197	3,586	456	41	2,463	0	148	3,380	9,496	0
Oregon.....	1,801	20,015	135	4,091	467	0	4,169	17	0	0	134,718	0
Pennsylvania.....	3,901	39,588	287	3,145	494	42	7,088	22	8,236	176,297	68,263	104,875
Rhode Island.....	6	528	1	39	6	0	36	0	31	1,399	107	0
South Carolina.....	426	5,615	31	949	67	0	69	11	228	12,820	43,451	4,000
South Dakota.....	81	1,216	14	311	55	7	591	0	2	168	4,839	8,800
Tennessee.....	240	4,595	53	1,289	145	56	7,078	0	955	23,955	54,313	15,350
Texas.....	1,609	10,304	231	2,363	573	0	562	0	727	8,073	2,303	0
Utah.....	122	1,369	15	197	0	81	1,215	0	0	0	14,332	0
Vermont.....	500	9,627	165	4,761	0	559	2,893	0	811	20,426	6,072	0
Virginia.....	983	13,764	116	3,517	346	12	3,331	23	196	13,032	189,650	72,056
Washington.....	779	9,897	79	2,905	202	4	5,399	19	0	0	63,098	386,532
West Virginia.....	421	6,872	47	1,434	75	0	230	29	345	6,939	76,170	0
Wisconsin.....	1,839	38,115	406	9,320	465	638	16,943	5	6,981	217,266	54,259	217,469
Wyoming.....	204	1,683	18	428	49	0	2,126	0	1	51	3,645	761
Puerto Rico.....	2,485	11,999	59	2,602	81	78	537	4	0	0	13,032	0
Total.....	46,886	482,430	6,700	126,826	11,357	5,165	202,042	420	44,481	910,882	2,265,777	2,782,685

¹ Officials in charge of brucellosis work are the same as those listed in summary of tuberculosis-eradication work.

² Nonvaccinated reactors held during the month.

BIOLOGICAL PRODUCTS PREPARED UNDER LICENSE, JANUARY 1950

Anti-hog-cholera serum

Period	Preserved (processed)	Completed (batched)	Released	Destroyed
	<i>Cubic centimeters</i>	<i>Cubic centimeters</i>	<i>Cubic centimeters</i>	<i>Cubic centimeters</i>
January 1950.....	120,067,315	113,349,459	76,873,145	743,255
January 1949.....	94,826,977	96,154,830	74,448,425	592,215
7 months ended—				
January 1950.....	836,811,301	840,609,218	787,346,445	5,485,378
January 1949.....	648,521,923	653,392,858	643,160,600	2,960,420

Hog-cholera virus

Period	Produced			Destroyed	
	Simultane- ous	Hyperim- munizing	Inoculat- ing	Simultane- ous	Hyperim- munizing
	<i>Cubic centimeters</i>	<i>Cubic centimeters</i>	<i>Cubic centimeters</i>	<i>Cubic centimeters</i>	<i>Cubic centimeters</i>
January 1950.....	3,625,443	26,648,841	125,192	139,200	596,685
January 1949.....	2,819,649	19,545,880	91,922	318,321	590,675
7 months ended—					
January 1950.....	38,762,767	167,792,901	682,279	1,740,845	4,497,145
January 1949.....	35,711,233	129,265,028	529,055	2,091,458	3,142,614

INSPECTIONS AND TESTS IN THE PRODUCTION OF HOG-CHOLERA VIRUS AND SERUM UNDER LICENSES, JANUARY 1950

Period	Animal inspections	Animal rejections	Pigs inoculated	Hogs hypered	Tests supervised	
					Serum	Virus
January 1950.....	341,171	3,405	28,710	19,263	198	96
January 1949.....	260,597	3,507	21,498	14,853	212	87
7 months ended—						
January 1950.....	2,311,524	23,411	188,122	130,148	2,183	1,130
January 1949.....	1,763,268	17,819	147,613	98,683	2,173	1,122

LICENSES ISSUED FOR BIOLOGICAL PRODUCTS

License No. 107 (limited to calendar year 1950) issued January 1, 1950, to Jensen-Salsbery Laboratories, Inc., 520 West Twenty-first Street, Kansas City, Mo., for Newcastle disease vaccine killed virus chick-embryo origin.

License No. 4 issued July 13, 1946, to Abbott Laboratories, Fourteenth Street and Sheridan Road, North Chicago, Ill., was terminated February 1, 1950, and license reissued on the same date to Abbott Laboratories, Fourteenth Street and Sheridan Road, North Chicago, Ill., for autogenous bacterin, hemorrhagic-septicemia bacterin, mixed bacterin (bovine), mixed bacterin (porcine).

License No. 117-A issued July 18, 1947, to O. M. Franklin Serum Co., 408 Livestock Exchange Building, Denver 16, Colo., was terminated February 1, 1950, and license reissued on the same date to O. M. Franklin Serum Co., 408 Livestock Exchange Building, Denver 16, Colo., for avisepticus-gallinarum bacterin, blackleg bacterin, Brucella abortus vaccine, clostridium chauveisepticus bacterin, clostridium hemolyticum bacterin, corynebacterium-pasteurella bacterin, hemorrhagic-septicemia bacterin, mixed bacterin (avian), mixed bacterin (bovine), mixed bacterin (equine), mixed bacterin (ovine), mixed bacterin (porcine), ovine-ecthyma vaccine.

License No. 180 issued on February 17, 1940, to Klusmire Biologic Laboratories, 2514 O Street, Omaha, Nebr., was terminated February 1, 1950, and license

reissued on the same date to Klusmire Biologic Laboratories, 2514 O Street, Omaha, Nebr., for blackleg bacterin, hemorrhagic-septicemia bacterin, mixed bacterin (avian), mixed bacterin (bovine), mixed bacterin (ovine), mixed bacterin (porcine).

Licenses No. 163-A issued June 6, 1946, and July 29, 1948, to Fidelity Laboratories, Inc., 4122 South Union Avenue, Chicago, Ill., were terminated February 1, 1950, and license reissued on the same date to Fidelity Laboratories, Inc., 4122 South Union Avenue, Chicago, Ill., for avisepticus-gallinarum bacterin, blackleg bacterin, *Brucella abortus* vaccine, *Clostridium chauvei*-septicus bacterin, *Corynebacterium-pasteurella* bacterin, hemorrhagic-septicemia bacterin, mixed bacterin (avian), mixed bacterin (bovine), mixed bacterin (canine), mixed bacterin (equine), mixed bacterin (ovine), mixed bacterin (porcine), *Pasteurella avicida* bacterin, *Pasteurella-salmonella choleraesuis* bacterin, pullorum antigen, *Salmonella choleraesuis* bacterin.

License No. 158 issued February 8, 1950, to Globe Laboratories, 116 Commerce Street, Fort Worth, Tex., for hog-cholera vaccine.

License No. 107 (limited to calendar year 1950) issued February 14, 1950, to Jensen-Salsbery Laboratories, Inc., 520 West Twenty-first Street, Kansas City, Mo., for *Clostridium perfringens* type D bacterin.

Licenses No. 115 issued November 9, 1943, July 8, 1944, and June 28, 1949, to the Denver Serum Co., 1400 East Forty-seventh Avenue, Denver 16, Colo., were terminated February 14, 1950, and license reissued on the same date to the Denver Serum Co., 1400 East Forty-seventh Avenue, Denver 16, Colo., for anti-hog-cholera serum, avisepticus-gallinarum bacterin, blackleg bacterin, *Brucella abortus* vaccine, *Clostridium chauvei*-septicus bacterin, hemorrhagic-septicemia bacterin, hog-cholera virus, *Pasteurella avicida* bacterin, *Salmonella choleraesuis* bacterin, mixed bacterin (avian), mixed bacterin (bovine), mixed bacterin (equine), mixed bacterin (ovine), mixed bacterin (porcine).

Licenses No. 133 issued February 20, 1940, and March 28, 1949, to the National Vaccine & Serum Co., Inc., 501 East Las Vegas Street, Colorado Springs, Colo., were terminated February 14, 1950, and license reissued on the same date to the National Vaccine & Serum Co., Inc., 501 East Las Vegas Street, Colorado Springs, Colo., for avisepticus-gallinarum bacterin, blackleg bacterin, *Brucella abortus* vaccine, *Clostridium chauvei*-septicus bacterin, gallinarum-typhimurium bacterin, hemorrhagic-septicemia bacterin, mixed bacterin (avian), mixed bacterin (bovine), mixed bacterin (ovine), mixed bacterin (porcine), *Pasteurella avicida* bacterin.

License No. 189 issued May 13, 1946, to the Norden Laboratories, 227 North Ninth Street, Lincoln, Nebr., was terminated February 14, 1950, and licenses reissued on the same date to the Norden Laboratories, 227 North Ninth Street, Lincoln, Nebr., for autogenous bacterin, avisepticus-gallinarum bacterin, blackleg bacterin, *Brucella abortus* vaccine, *Clostridium chauvei*-septicus bacterin, coli-staph-strep bacterin, *Corynebacterium-pasteurella* bacterin, hemorrhagic-septicemia bacterin, mixed bacterin (avian), mixed bacterin (bovine), mixed bacterin (canine), mixed bacterin (equine), mixed bacterin (feline), mixed bacterin (ovine), mixed bacterin (porcine), *Salmonella choleraesuis* bacterin.

License No. 203 issued April 3, 1943, to Johnson Laboratories, 2030 Broadway, Kansas City, Mo., was terminated February 15, 1950, and license reissued on the same date to Johnson Laboratories, 2030 Broadway, Kansas City, Mo., for anthrax bacterin, autogenous bacterin, avisepticus-gallinarum bacterin, blackleg bacterin, blackleg cultural aggrassin, *Clostridium chauvei*-septicus bacterin, hemorrhagic-septicemia bacterin, *Corynebacterium-pasteurella* bacterin, mixed bacterin (avian), mixed bacterin (bovine), mixed bacterin (canine), mixed bacterin (equine), mixed bacterin (ovine), mixed bacterin (porcine).

LICENSES TERMINATED

License No. 54, issued February 24, 1940, to Kansas State College of Agriculture and Applied Science, Manhattan, Kans., was terminated, without prejudice, December 20, 1949, because of discontinuance of production.

License No. 167, issued February 16, 1948, to United States Standard Products Co., Woodworth, Wis., was terminated, without prejudice, February 14, 1950, because of discontinuance of production.

PERMITS ISSUED FOR ORGANISMS OR VECTORS

Permit No. 132 issued February 14, 1950, to Dr. Carl A. Brandly, the University of Wisconsin, College of Agriculture, Department of Veterinary Science, Madison 6, Wis., to import one shipment of virus from the Direccion General de Investigaciones Pecuarias, Palo Alto, Mexico, D. F.

BIOLOGICAL PRODUCTS PRODUCED AND DESTROYED IN LICENSED ESTABLISHMENTS DURING CALENDAR YEAR ENDED DEC. 31, 1949

(Exclusive of anti-hog-cholera serum and hog-cholera virus)
(Cubic centimeters, unless otherwise stated)

ANTITOXINS

	<i>Produced</i>	<i>Destroyed</i>
Botulinus antitoxin.....units..	45, 022, 500	2, 077, 500
Clostridium perfringens antitoxin.....	714, 500	2, 200
Tetanus antitoxin.....units..	497, 752, 550	7, 180, 613
Total.....	714, 500	2, 200
Total.....units..	542, 775, 050	9, 258, 113

SERUMS

	<i>Produced</i>	<i>Destroyed</i>
Antianthrax serum.....	547, 100	73, 400
Antibacterial serum (bovine).....	554, 800	49, 900
Antibacterial serum (canine).....	915, 025	50, 100
Antibacterial serum (equine).....	569, 800	370, 250
Anti-canine-distemper serum.....	9, 067, 910	56, 520
Anti-coli-aerogenes serum.....	---	37, 800
Anti-corynebacterium-pasteurella serum.....	7, 694, 200	28, 050
Antiencephalomyelitis serum.....	77, 000	258, 450
Eastern.....	---	19, 000
Western.....	77, 000	239, 450
Anti-hemorrhagic-septicemia serum.....	24, 117, 750	272, 500
Anti-pasteurella-salmonella-cholerasuis serum.....	---	7, 600
Anti-swine-erysipelas serum.....	59, 979, 880	182, 084
Normal serum.....	2, 135, 140	253, 670
Other serums.....	10, 471, 670	349, 160
Total.....	116, 130, 275	1, 989, 484

AGGRESSINS

	<i>Produced</i>	<i>Destroyed</i>
Blackleg cultural aggressin.....	1, 013, 700	188, 825
Blackleg cultural aggressin.....disks..	4, 690	791
Total.....	1, 013, 700	188, 825
Total.....disks..	4, 690	791

DIAGNOSTICS

Brucella abortus antigen.....	203, 980	50, 364
Mallein.....	1, 880	196
Pullorum antigen.....	3, 722, 383	1, 296, 790
Tuberculin.....	153, 243	1, 880
Other diagnostics.....	12, 605	3, 748
Total.....	4, 094, 091	1, 352, 978

TOXOIDS

Tetanus toxoids.....	275, 210	54, 770
Total.....	275, 210	54, 770

VACCINES AND VIRUSES

Anthrax spore vaccine-----	6, 312, 595	540, 807
Anthrax spore vaccine----- disks-----		380
Brucella abortus vaccine-----	26, 790, 612	5, 306, 414
Canine-distemper vaccine-----	6, 104, 943	235, 924
Canine-distemper vaccine----- milligrams-----	2, 900, 530	450
Canine-distemper virus-----	90, 566	10, 440
Canine-distemper virus----- milligrams-----	472, 110	136, 450
Distemper vaccine-mink-----	692, 524	36, 110
Encephalomyelitis vaccine-----	1, 345, 609	420, 201
Eastern-----	92, 196	68, 704
Western-----	613, 233	199, 766
E and W-----	640, 180	151, 731
Erysipelothrix rhusiopathiae vaccine-----	2, 471, 900	741, 470
Feline-distemper vaccine-----	350, 786	31, 008
Fowl-laryngotracheitis vaccine----- milligrams-----	18, 693, 450	1, 049, 090
Fowl-pox vaccine----- do-----	23, 987, 090	2, 265, 220
Hog-cholera vaccine-----	11, 170, 612	1, 578, 679
Newcastle disease vaccine-----	64, 962, 471	725, 927
Newcastle disease vaccine----- milligrams-----	7, 115, 234	545, 270
Ovine-ecthyma vaccine----- do-----	905, 930	103, 275
Pigeon-pox vaccine----- do-----	4, 919, 150	706, 420
Rabies vaccine-----	17, 312, 115	1, 288, 675
Wart vaccine-----	799, 850	21, 350
Other vaccines and viruses----- disks-----	791, 125	1, 280
Other vaccines and viruses----- milligrams-----	28, 840	15
Total-----	138, 404, 583	10, 937, 005
Total----- disks-----	791, 125	1, 660
Total----- milligrams-----	59, 022, 334	4, 806, 190

BACTERINS

Anthrax bacterin-----	692, 690	322, 800
Autogenous bacterin-----	1, 462, 448	
Avissepticus-gallinarum bacterin-----	11, 514, 285	1, 121, 885
Blackleg bacterin-----	46, 227, 890	1, 691, 075
Clostridium chauvei-septicus bacterin-----	46, 187, 350	506, 205
Clostridium hemolyticum bacterin-----	7, 554, 400	221, 225
Clostridium perfringens bacterin-----	19, 626, 700	108, 400
Coli-enteritidis bacterin-----	507, 920	227, 125
Corynebacterium-pasteurella bacterin-----	11, 281, 115	664, 730
Gallinarum-typhimurium bacterin-----	772, 020	144, 320
Hemorrhagic-septicemia bacterin-----	36, 092, 405	1, 128, 000
Pasteurella avicida bacterin-----	4, 903, 779	252, 273
Pasteurella-salmonella cholerasuis bacterin-----	2, 179, 200	49, 250
Salmonella cholerasuis bacterin-----	1, 047, 915	155, 405
Staphylococcus-streptococcus bacterin-----	967, 140	77, 842
Staphylococcus-streptococcus bacterin----- disks-----		580
Other bacterins-----	9, 419, 341	223, 023
Total-----	200, 436, 598	6, 893, 558
Total----- disks-----		580

MIXED BACTERINS

Mixed bacterin (avian)-----	10, 969, 563	3, 513, 781
Mixed bacterin (bovine)-----	34, 366, 730	2, 530, 887
Mixed bacterin (canine)-----	270, 757	43, 410
Mixed bacterin (equine)-----	1, 609, 621	409, 157
Mixed bacterin (feline)-----	39, 378	14, 104
Mixed bacterin (ovine)-----	4, 241, 695	472, 145
Mixed bacterin (porcine)-----	20, 598, 952	1, 102, 147
Total-----	72, 096, 696	8, 085, 631

OTHER BIOLOGICAL PRODUCTS.

Total-----	464, 950	18, 390
Total-----	464, 950	18, 390
Grand total:		
Cubic centimeters-----	533, 630, 603	29, 522, 841
Units-----	542, 775, 050	9, 258, 113
Milligrams-----	59, 022, 334	4, 806, 190
Disks-----	795, 815	3, 031

ORGANIZATION OF THE BUREAU OF ANIMAL INDUSTRY,
FEBRUARY, 1950

Chief: B. T. SIMMS.

Assistant Chief: HUGH C. MCPHEE.

Assistant Chief: S. O. FLADNESS.

Assistant Chief: A. R. MILLER.

Assistant Chief: K. A. BUTLER.

Assistant to the Chief: J. R. COHRAN.

Administrative Services Division: L. E. HARROVER, *Administrative Officer in charge.*

Animal Foods Inspection Division: L. V. HARDY, *Veterinarian in charge.*

Animal Husbandry Division: T. C. BYERLY, *Animal Husbandman in charge.*

Budget and Fiscal Division: N. A. OLMSTEAD, *Administrative Officer in charge.*

Information Division: J. K. McCLARREN, *Information Specialist in charge.*

Inspection and Quarantine Division: M. R. CLARKSON, *Veterinarian in charge.*

Interstate Inspection Division: T. W. COLE, *Veterinarian in charge.*

Meat Inspection Division: A. R. MILLER, *in charge.*

Pathological Division: HARRY W. SCHOENING, *Veterinarian in charge.*

Personnel Division: W. A. DEVAUGHAN, *Administrative Officer in charge.*

Tuberculosis Eradication Division: A. K. KUTTLER, *Veterinarian in charge.*

Division of Virus-Serum Control: OREN E. HERL, *Veterinarian in charge.*

Zoological Division: BENJAMIN SCHWARTZ, *Zoologist in charge.*





